36823

ANALYTICAL REPORT
Prepared by
Roy F. Weston, Inc.

Millington Asbestos Dump Site
Millington, NJ

EPA Work Assignment # 2-426
Project # 3347-11-01-3426
EPA Contract # 68-03-3482

ANALYTICAL REPORT

Prepared by
Roy F. Weston, Inc.

Millington Asbestos Dump Site
Millington, NJ

Sept. 10, 1990

EPA Work Assignment No. 2-426
Project No. 3347-21-01-3426
EPA Contract No. 68-03-3482

Submitted to
S. Burchette
EPA-ERT

9.10.90
D. deBruijn — Date
Task Leader

Analysis by
Scientific Laboratories

POR 9/10/90
V. Kansal — Date
S. & A. Section Chief
(Acting)

Prepared by:
G. Karustis

9/11/90
W. S. Butterfield — Date
Project Manager

Reviewed by:
Yi-Hua Lin

ABD 001 1970

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

September 20, 1990

Ms. Jamie Kehoe
New Vernon Rd
Gillette, NJ 07933

Dear Ms. Kehoe,

On August 24, 1990, the Environmental Response Team (ERT) of the United States Environmental Protection Agency (EPA) collected a dust sample from your house. The sample was analyzed by Scientific Laboratories, INC. for percent asbestos by weight.

The results of the asbestos analysis indicate that the sample contained less than 1% by weight chrysotile asbestos.

These levels are considered at the low end of the risk range. However, the presence of asbestos fibers in your house may represent a potential human health risk and further sampling is necessary to confirm these results. EPA has been and will continue to consult with the Agency for Toxic Substances and Disease Registry (ATSDR) regarding this information. EPA will be contacting you to make arrangements for further sampling.

If you have any questions pertaining to the potential health risks, please contact Arthur Block (ATSDR) at (212) 264-6739. If you have any questions relating to the sampling, please contact me at (212) 264-0970.

Sincerely,

Nickie Di Forte, Chief
Northern New Jersey Site Compliance Section
Emergency and Remedial Response Division

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

September 20, 1990

Mr. A. Schmidt
201 New Vernon Rd
Gillette, NJ 07933

Dear Mr. Schmidt,

On August 24, 1990, the Environmental Response Team (ERT) of the United States Environmental Protection Agency (EPA) collected a dust sample from your house. The sample was analyzed by Scientific Laboratories, INC. for percent asbestos by weight.

The results of the asbestos analysis indicate that the sample contained less than 1% by weight chrysotile asbestos.

These levels are considered at the low end of the risk range. However, the presence of asbestos fibers in your house may represent a potential human health risk and further sampling is necessary to confirm these results. EPA has been and will continue to consult with the Agency for Toxic Substances and Disease Registry (ATSDR) regarding this information. EPA will be contacting you to make arrangements for further sampling.

If you have any questions pertaining to the potential health risks, please contact Arthur Block (ATSDR) at (212) 264-6739. If you have any questions relating to the sampling, please contact me at (212) 264-0970.

Sincerely,

Nickie Di Forte

Nickie Di Forte, Chief
Northern New Jersey Site Compliance Section
Emergency and Remedial Response Division

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

September 20, 1990

Mr & Mrs Driscoll
697 White Bridge Rd
Gillette, NJ 07933

Dear Mr. & Mrs. Driscoll,

On August 24, 1990, the Environmental Response Team (ERT) of the United States Environmental Protection Agency (EPA) collected a dust sample from your house. The sample was analyzed by Scientific Laboratories, INC. for percent asbestos by weight.

The results of the asbestos analysis indicate that the sample contained less than 1% by weight chrysotile asbestos.

These levels are considered at the low end of the risk range. However, the presence of asbestos fibers in your house may represent a potential human health risk and further sampling is necessary to confirm these results. EPA has been and will continue to consult with the Agency for Toxic Substances and Disease Registry (ATSDR) regarding this information. EPA will be contacting you to make arrangements for further sampling.

If you have any questions pertaining to the potential health risks, please contact Arthur Block (ATSDR) at (212) 264-6739. If you have any questions relating to the sampling, please contact me at (212) 264-0970.

Sincerely,

Nickie Di Forte

Nickie Di Forte, Chief
Northern New Jersey Site Compliance Section
Emergency and Remedial Response Division

U.S. EPA
REGION II
REMOVAL ACTION BRANCH
Edison, NJ

FACSIMILE
COVER SHEET

To: Ray Basso

Phone: _____

Fax No: 264-6192

Subject: _____

From: Nicki

Phone: _____

Number of pages to follow: 31

Date sent: _____

Time: _____

For confirmation, call (201) 321-6657

ABD 001 1974

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

September 20, 1990

Larson
65 New Vernon Rd
Gillette, NJ 07933

Dear Resident,

On August 24, 1990, the Environmental Response Team (ERT) of the United States Environmental Protection Agency (EPA) collected a dust sample from your house. The sample was analyzed by Scientific Laboratories, INC. for percent asbestos by weight.

The results of the asbestos analysis indicate that the sample contained less than 1% by weight chrysotile asbestos.

These levels are considered at the low end of the risk range. However, the presence of asbestos fibers in your house may represent a potential human health risk and further sampling is necessary to confirm these results. EPA has been and will continue to consult with the Agency for Toxic Substances and Disease Registry (ATSDR) regarding this information. EPA will be contacting you to make arrangements for further sampling.

If you have any questions pertaining to the potential health risks, please contact Arthur Block (ATSDR) at (212) 264-6739. If you have any questions relating to the sampling, please contact me at (212) 264-0970.

Sincerely,

Nickie Di Forte

Nickie Di Forte, Chief
Northern New Jersey Site Compliance Section
Emergency and Remedial Response Division

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

September 20, 1990

Mr & Mrs Hamilton
684 White Bridge Rd
Gillette, NJ 07933

Dear Mr. & Mrs. Hamilton,

On August 24, 1990, the Environmental Response Team (ERT) of the United States Environmental Protection Agency (EPA) collected a dust sample from your house. The sample was analyzed by Scientific Laboratories, INC. for percent asbestos by weight.

The results of the asbestos analysis indicate that the sample contained less than 1% by weight chrysotile asbestos.

These levels are considered at the low end of the risk range. However, the presence of asbestos fibers in your house may represent a potential human health risk and further sampling is necessary to confirm these results. EPA has been and will continue to consult with the Agency for Toxic Substances and Disease Registry (ATSDR) regarding this information. EPA will be contacting you to make arrangements for further sampling.

If you have any questions pertaining to the potential health risks, please contact Arthur Block (ATSDR) at (212) 264-6739. If you have any questions relating to the sampling, please contact me at (212) 264-0970.

Sincerely,

Nickie Di Forte

Nickie Di Forte, Chief
Northern New Jersey Site Compliance Section
Emergency and Remedial Response Division

ABD 001 1976

ATL International Asbestos Testing Laboratories

30 N. Pine Avenue, Maple Shade, NJ 08052
609-779-0292 FAX 609-779-9736

•CERTIFICATE OF ANALYSIS•

Client: Roy F. Weston, Inc./MFD
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Report Date: August 8, 1990

Project No.:

Sampling Date:

Facility:

Collected By:

BULK SAMPLE ANALYSIS SUMMARY

Sample No.	Lab No.	Location	Sample Composition	
BL001	107559	1 X 8 Oz. Dust Sample	Asbestos:	2% Chrysotile
			Fibrous Material:	5% Magnesium, Silicon, & Iron
			Non-Fibrous Material:	93%
BL002	107560	1 X 8 Oz. Soil Sample	Asbestos:	5% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%
BL003	107561	1 X 8 Oz. Soil Sample	Asbestos:	5% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%
BL004	107562	1 X 8 Soil Sample	Asbestos:	5% Chrsyotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%

ABD 001 1977

NIST-NVLAP Accreditation No. 1165

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government.

— Polarized Light Microscopy: Dispersion Staining (PLM) EPA 600 M4-82-020-20, Dec. 1982

☐ Scanning Electron Microscopy: Energy Dispersive X-ray Microanalysis (SEM EDX)

☒ Transmission Electron Microscopy (TEM EDX)

Comments:

Analysis Performed By: J. H. Newton Date: 8/6/90 Approved By: _____ Laboratory Director

IATL International Asbestos Testing Laboratories

36 N. Pine Avenue, Maple Shade, NJ 08052
609-779-1992 fax 609-779-9730

•CERTIFICATE OF ANALYSIS•

Client: Roy F. Weston, Inc./MFD
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Report Date: August 8, 1990

Project No.:

Sampling Date:

Facility:

Collected By:

BULK SAMPLE ANALYSIS SUMMARY

Sample No.	Lab No.	Location	Sample Composition	
BL005	107563	1 X 8 Oz. Soil Sample	Asbestos:	5% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%
BL006	107564	1 X 8 Oz. Soil Sample	Asbestos:	5% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%
BL007	107565	1 X 8 Oz. Soil Sample	Asbestos:	2% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	98%
BL008	107566	1 X 8 Soil Sample	Asbestos:	2% Chrsyotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	98%

ABD 001 1978

NIST-NVLAP Accreditation No. 1165

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government.

☐ Polarized Light Microscopy Dispersion Staining (PLM) EPA 600/M4-82-020-20, Dec. 1982

☐ Scanning Electron Microscopy Energy Dispersive X-ray Microanalysis (SEM EDX)

☑ Transmission Electron Microscopy (TEM EDX)

Comments:

Analysis Performed By: J. H. Newton Date: 8/6/90 Approved By: [signature] Laboratory Director

IATL International Asbestos Testing Laboratories

30 N. Pine Avenue, Maple Shade, NJ 08052
609-***9-***92 fax 609-***9-9736

•CERTIFICATE OF ANALYSIS•

Client: Roy F. Weston, Inc./MFD
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Report Date: August 8, 1990

Project No.:

Sampling Date:

Facility:

Collected By:

BULK SAMPLE ANALYSIS SUMMARY

Sample No.	Lab No.	Location	Sample Composition	
BL009	107567	1 X 8 Oz. Soil Sample	Asbestos:	5% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%
BL010	107568	1 X 8 Oz. Soil Sample	Asbestos:	5% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%
BL011	107569	1 X 8 Oz. Soil Sample	Asbestos:	5% Chrysotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%
BL012	107570	1 X 8 Soil Sample	Asbestos:	5% Chrsyotile
			Fibrous Material:	None Detected
			Non-Fibrous Material:	95%

NIST-NVLAP Accreditation No. 1165

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government

☐ Polarized Light Microscopy: Dispersion Staining (PLM) EPA 600 M4-82-020-20, Dec. 1982

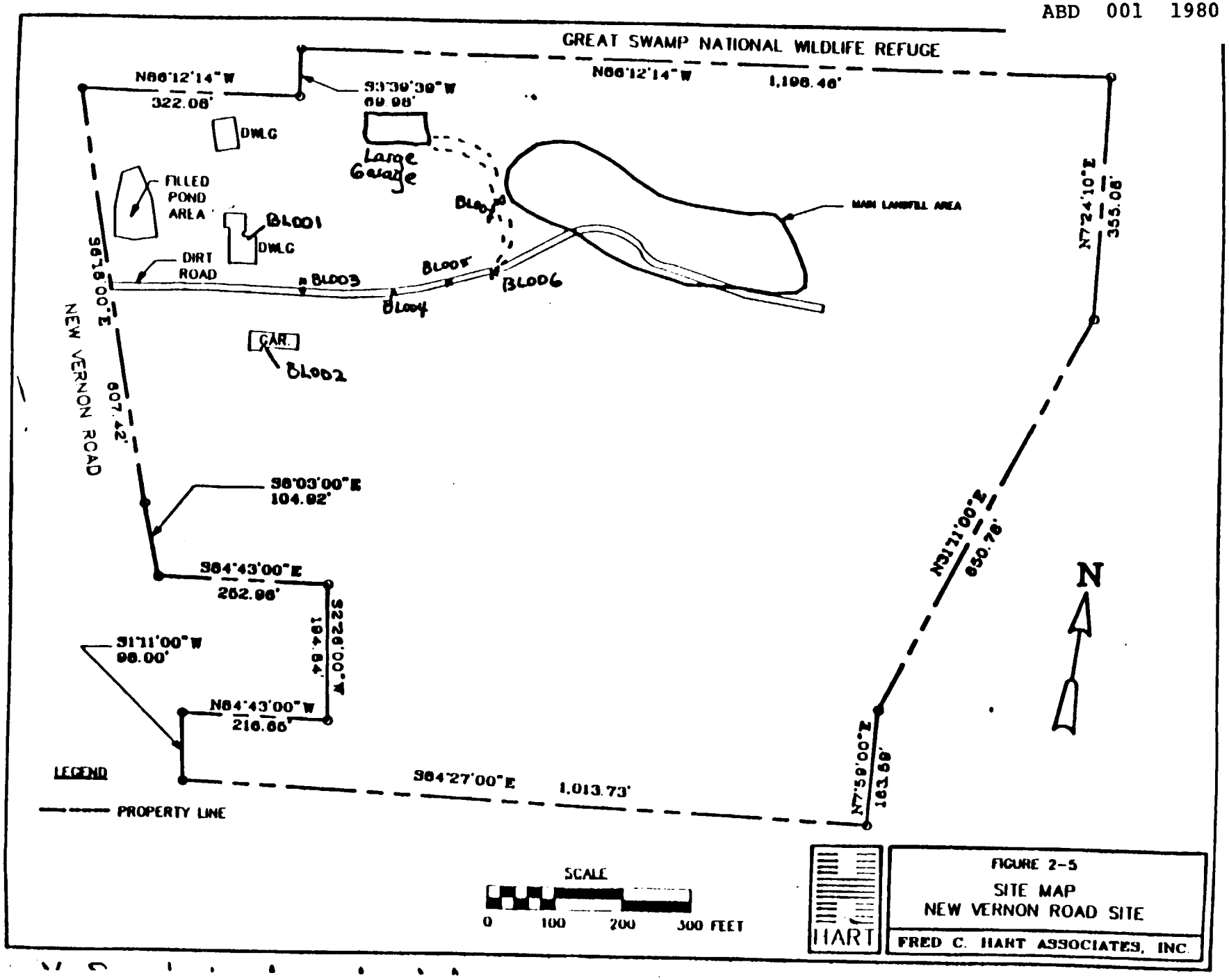
☐ Scanning Electron Microscopy: Energy Dispersive X-ray Microanalysis (SEM EDX)

☒ Transmission Electron Microscopy (TEM EDX)

Comments:

Analysis Performed By: J. H. Newton Date: 8/6/90 Approved By: _____
Laboratory Director

ABD 001 1979


GREAT SWAMP NATIONAL WILDLIFE REFUGE
N86°12'14"W
322.08'
S3°39'39"W
69.98'
N86°12'14"W
1,196.46'
DWLG
Large Garage
FILLED POND AREA
BLDG1
DWLG
DIRT ROAD
BLDG3
BLDG4
BLDG5
BLDG6
MAIN LANDFILL AREA
N7°24'10"E
355.08'
S6°18'00"E
NEW VERNON ROAD
607.42'
CAR.
BLDG2
S6°03'00"E
104.92'
S84°43'00"E
252.96'
S5°26'00"W
184.84'
S31°11'00"W
98.00'
N84°43'00"W
216.66'
N31°11'00"E
650.78'
N7°39'00"E
183.88'
S84°27'00"E
1,013.73'
N
LEGEND
PROPERTY LINE
SCALE
0 100 200 300 FEET
HART
FIGURE 2-5
SITE MAP
NEW VERNON ROAD SITE
FRED C. HART ASSOCIATES, INC.

ABD 001 1981

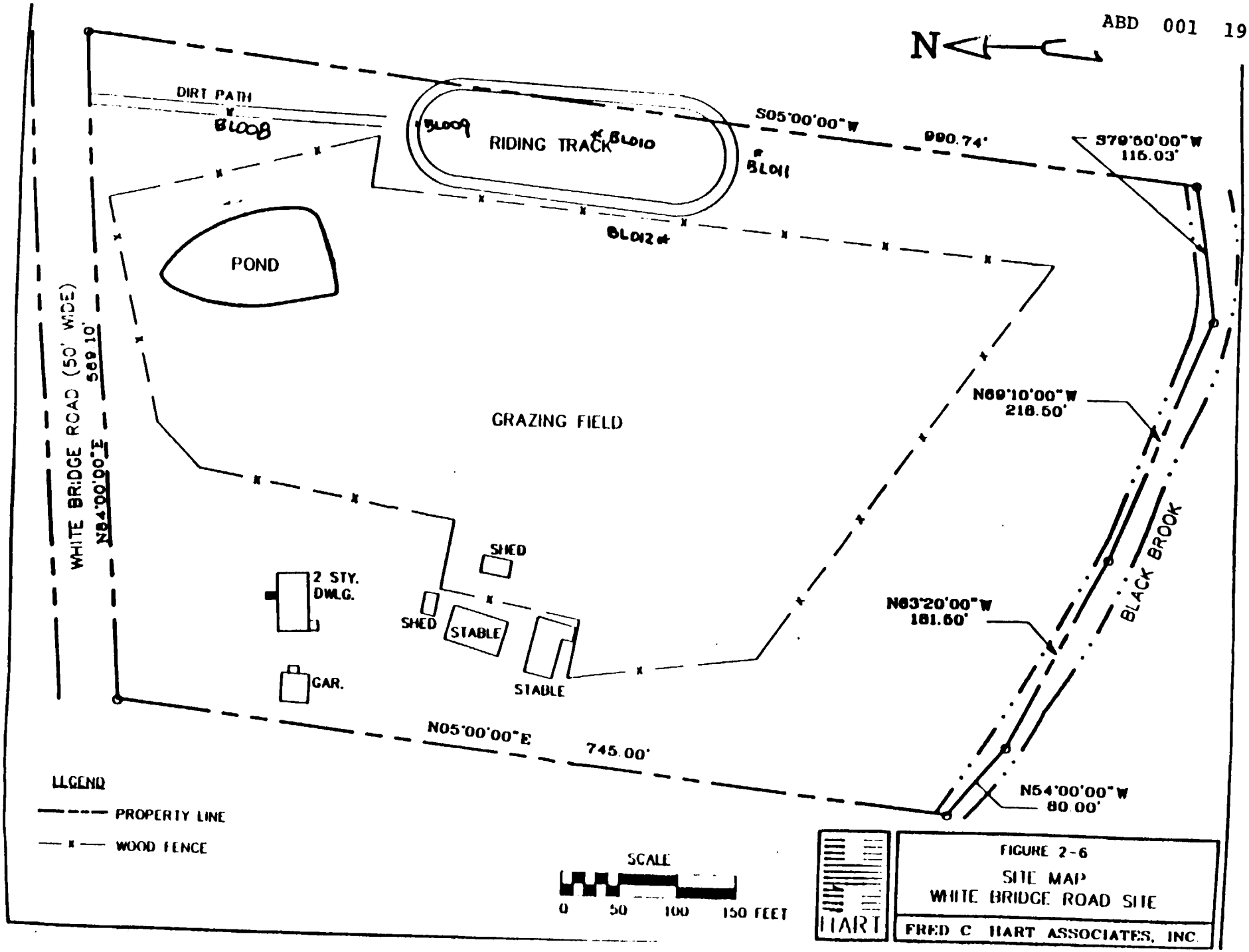


FIGURE 2-6
SITE MAP
WHITE BRIDGE ROAD SITE
FRED C. HART ASSOCIATES, INC.

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL PROTECTION AGENCY - REGION II
ENVIRONMENTAL SERVICES DIVISION
EDISON, NEW JERSEY 08817

T2 [illegible]59

Name of Unit and Address:
ROY F WESTON
1090 KING GEORGES POST RD
EDISON NJ 08837

Region II EPA
OSC: Nick Magrippes
(201) 906-6980

Sample Number	Number of Containers	Description of Samples
BL001		1 x 8oz Dust Sample for TEM (Asbestos)
BL002		1 x 8oz Soil Sample for TEM (Asbestos)
BL003		
BL004		
BL005		
BL006		
BL007		
BL008		
BL009		
BL010		
BL011		
BL012		

Person Assuming Responsibility for Sample: BKlawson — Time — Date 8/2

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
ALL	BKlawson	Scott Rockhill	10am	8/3	SHIPMENT TO LAB
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

Page No.

ABD 001 1982

IATL International Asbestos Testing Laboratories

36 N. Pine Avenue, Maple Shade, NJ 08052
609-[illegible]9-[illegible]92 fax 609-[illegible]9-9736

BULK SAMPLE - CERTIFICATE OF ANALYSIS

DATE: August 13, 1990

SAMPLE#: BL001
IATL#: 90-107559

CLIENT: Roy F. Weston, Inc./MFD
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

ANALYSIS SUMMARY

ASBESTOS PRESENT: Yes

PERCENTAGE OF BULK MATERIAL
DETERMINED TO BE ASBESTOS: 2%

PRIMARY ASBESTOS TYPE: Chrysotile PERCENT: 2%
SECONDARY ASBESTOS TYPE: None Detected PERCENT:

OTHER FIBROUS MATERIAL: 5% Fibers Containing Magnesium, Silicon, and Iron

OTHER MATERIALS PRESENT: 93% Non-fibrous particulate containing Silicon, Aluminium, Iron, Calcium, and Potassium

ANALYSIS METHOD: Transmission Electron Microscopy
Each sample is examined at magnifications ranging from 1,000 to 20,000 X. All fiber types are identified by Energy Dispersive X-Ray Microanalysis (EDX) for chemical composition and Selective Area Electron Diffraction (SAED) for crystal structure.

COMMENTS: Micrographs and EDX spectra are attached.

ANALYSIS PERFORMED BY: J. H. Newton

APPROVED BY: _____
Jean Taieb
Laboratory Director

ABD 001 1983

BULK - TEM - Count Sheet

IATL #: 107559
Sample #: BL001
Grid I.D. 112-S2

Date: 6-AUG-90
Analyst: [illegible]

Filter Type: MCE
Filter Size: 962 mm2
Pore Size: 0.45 um

Microscope Model: Hitachi H-600AB
Serial #: 542-47-3
X-Ray Analyzer Model: Kevex Delta Class

Magnification: 20,000 X
Accel. Voltage: 100 KV
Serial #: 7A-560

Sample Type: DUST / FIBERS
Sample Color: TAN to BROWN

Homogeneous: (YES) / NO

TYPE	ELEMENTS	SAED	AVERAGE SIZE	PERCENT PRESENT
CHRYSOTILE	Mg, Si	—	<2 µm	2 %
FIBROUS (NON-ASBESTOS)	Mg, Si, Fe	—	<2 µm	5 %
NEP	Si, Al, Fe, Ca, K	—	4 µm	

#78

Volume of Sample: 10 cc
Dilution Volume: 75
Volume Filtered: .2

Grid Opening Area: 0.004
No. Grid Openings: 20
Area Analyzed: 0.08
Sample Volume Analyzed: 0.0083

Total Percent Asbestos: 2

Total Percent Non-Asbestos: 5

Total Percent Non-Fibrous Particulate: 93

Analyzed By: John H. Hunter

Approved By: Frank Tarot

ABD 001 1984

Section I

INTRODUCTION

REAC Laboratory, in response to ERT work assignment 3347-21-01-3426, provided analytical services for soil and water samples collected from the Millington Asbestos Dump Site, in Millington, NJ on August 24, 1990. These services involved the subcontracted analyses for asbestos and a final report summarizing the analytical results.

Upon receiving the samples in the laboratory the sample custodian followed standard procedures for inspection of the chain-of-custody and record keeping for sample tracking.

PROCEDURE FOR ASBESTOS

This method leads to the identification of any asbestos minerals (fibers) present within the sample, as well as giving the bulk percent. The following procedure represents the steps utilized to analyse the bulk samples.

(1) A homogeneous representation of the samples are shaved/crushed with scalpel and milled in a Retsch Type MM2 mixer mill;

(2) Approximately 300-350mg of these shavings (total weight) are weighed;

(3) The sample material is placed into a crucible and heated in a muffle furnace at 450-480°C for 10-12 hours;

(4) The sample is weighed again, to determine weight loss of plastic (organics);

(5) The sample is treated with concentrated HCl to dissolve the calcium carbonate present in most floor tiles. Following this reaction, the solution is diluted rapidly, to insure preservation of asbestos fibers.

(6) The material is filtered onto a pre-weighed, 47mm, 0.4 micron, PC filter, dried and weighed. This weight represents the total weight of asbestos, plus any pigment found in small quantities within the sample, such as titanium oxide and/or iron oxide. A percentage is then calculated from the total weight to give percent asbestos. A semi-quantified estimate of the total is given, following electron microscopy, to determine asbestos -vs- non-asbestos material remaining.

(7) After weighing, the filtered sample is re-suspended in 50% ethyl alcohol (dispersant for fibrous material) and sonicated for 10 minutes to break up the large aggregated bulk material.

(8) Approximately 3 microliters of this solution are pipetted onto a pre-prepared blank carbon coated MCE filter-200 mesh copper grid (procedure described below) and air dried for 15 minutes.

(9) Store the sample in the appropriate grid box for TEM analysis.

PRE-PREPARED BLANK CARBON COATED MCE FILTERS

(a) Approximately 25% of the 25mm MCE membrane is cut, from the blank filter sample.

(b) Each filter section is placed, sample face upward, on top of a glass slide that has 30 microliter aliquots of dilute dimethyl formamide (DMF), (50% water, 35% DMF, 15% glacial acetic acid).

(c) The entire slide, with the blank MCE filter, is placed on a thermostatically controlled slide warmer at 65°C for 10 minutes.

(d) The "collapsed" filters are etched in our low-temperature BIO-RAD plasma system. (This system has been calibrated for proper power (watts) and oxygen flow).

(e) The etched filter is placed into a Hitachi HUS-5GB vacuum evaporator, to deposit a thin film of carbon onto the blank MCE filter.

(f) Following the carbon coat, the sample is placed back onto the clean bench and cut into 1 millimeter sections, placed on a 200-mesh copper grid and put into the Jaffe-wash for dissolution (100% DMF) for one hour.

(g) The blank filters are then placed into a condenser washer system (with vaporized acetone) for thirty minutes to complete the replica process, dried and stored for use in our final steps of the bulk protocol that were described in steps 1 through 9.

Results of this Analysis are listed in Table 1.1

PROCEDURE FOR ASBESTOS

NIOSH Procedure 7402 and AHERA Mandatory Method (40 CFR 763) were used to analyse the water sample by Transmission Electron Microscopy as detailed below.

(1) Approximately 25% of the 25mm membrane is cut, to represent the filtered sample.

(2) Each sample is placed, sample face upward, on top of a glass slide that has 30 microliter aliquots of dilute dimethyl formamide (DMF), (50% water, 35% DMF, 15% glacial acetic acid).

(3) The entire slide, with your sample(s) and 1 lab blank, is placed on a thermostatically controlled slide warmer at 70°C for 10 minutes.

(4) The "cleared" filters are etched in our low-temperature BIO-RAD plasma system to collapse the MCE filter. (This system has been calibrated for proper power (watts) and oxygen flow).

(5) The etched filter is placed into a Hitachi HU5A vacuum evaporator, to deposit a thin film of carbon onto the sample.

(6) Following the carbon coat, the sample is placed back onto the clean bench and cut into (3) 1 millimeter sections, placed on a 200-mesh, copper or gold, grid and put into the Jaffe-wash for dissolution (100% DMF).

(7) The sample is then placed into a condenser washer system (with vaporized acetone) to complete the replica process, dried and stored.

Results of this Analysis are listed in Table 1.2

Table 1.1 Results of the Asbestos Analysis
for the Millington Asbestos Dump Bulk Samples
Project # 3426

Sample ID	Location	Asbestos Type	Fiber Diameter Range (um)	Asbestos Content (Weight %)
1161	Background	Chrysotile	0.02-0.10	<1
1162	Teilman's	Chrysotile	0.02-0.15	<1
1162A	Teilman's	Chrysotile	0.02-0.05	<1
1167	Kehoe	Chrysotile	0.02-0.05	<1
1167A	Kehoe	----	----	<1*
1168	Driscoll	----	----	<1*
1168A	Driscoll	Chrysotile	0.02-0.20	<1
1169	Schmidt	Chrysotile	0.02-0.05	<1
1170	Major	Chrysotile	0.02-0.05	<1
1171	Larson	Chrysotile	0.02-0.05	<1
1172	Hamilton	Chrysotile	0.02-0.05	<1

* denotes that No Asbestos Structures were Detected

Table 1.2 Results of the Asbestos Analysis
for the Millington Asbestos Dump Water Sample
Project # 3426

Sample ID	Location	Total (MFL)	>10 um (MFL)	AS (MFL)	ug/l
1165	NA	NSD	---	0.0822	---

NA denotes Not Available
NSD denotes No Asbestos Structures Detected
MFL denotes Million Fibers per Liter

ABD 001 1991

Section II

QA/QC FOR ASBESTOS

The subcontrating laboratory supplied a magnification of an asbestos particle, shown here as Figure 1, at 7000 power magnification. The hollow property of the crysotile particle may be clearly seen on the left side of the long fiber. Figure 2 depicts an Electron Dispersive analysis of a fiber detected for sample 1161 (Background). The high magnesium and silicon content of the fiber, characteristic of asbestos may be seen.

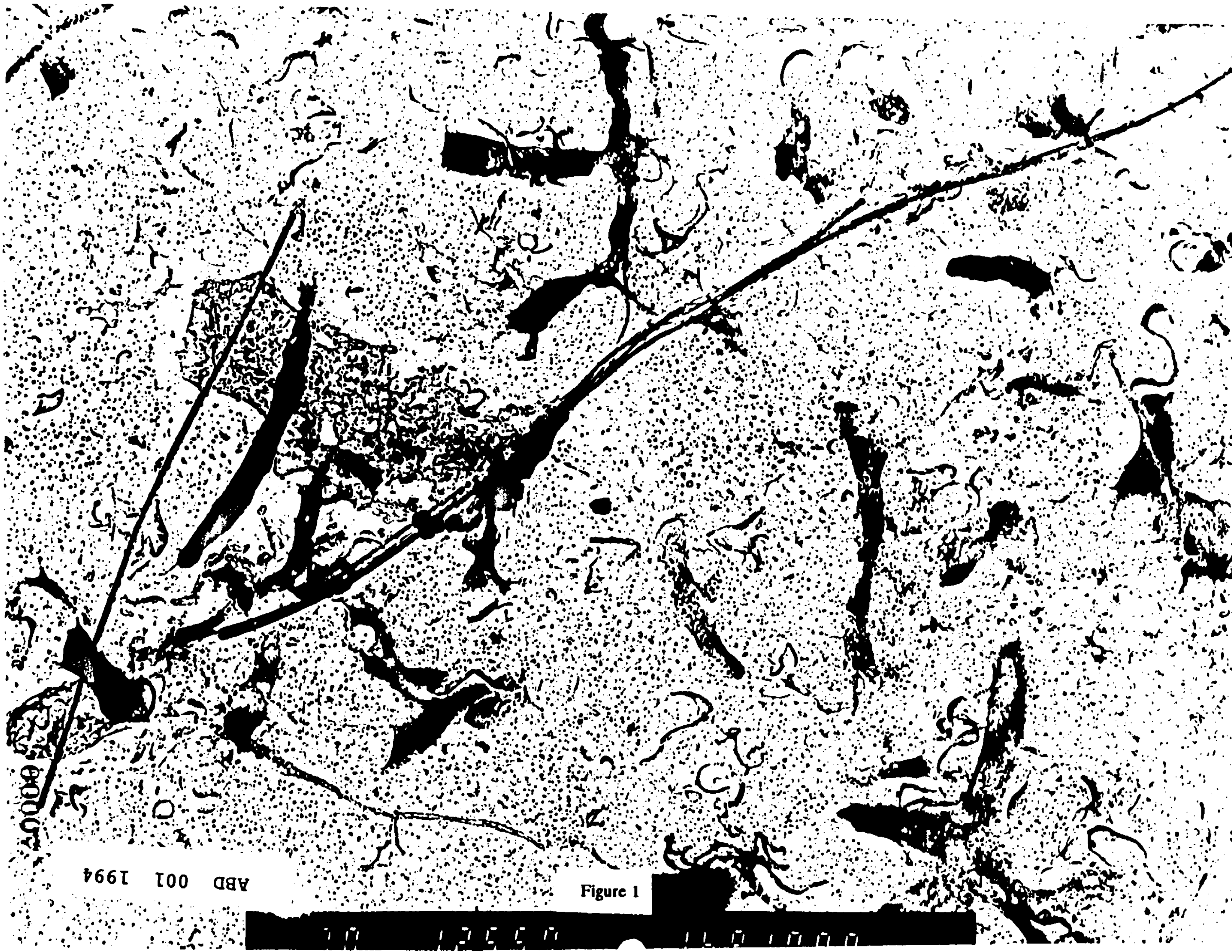
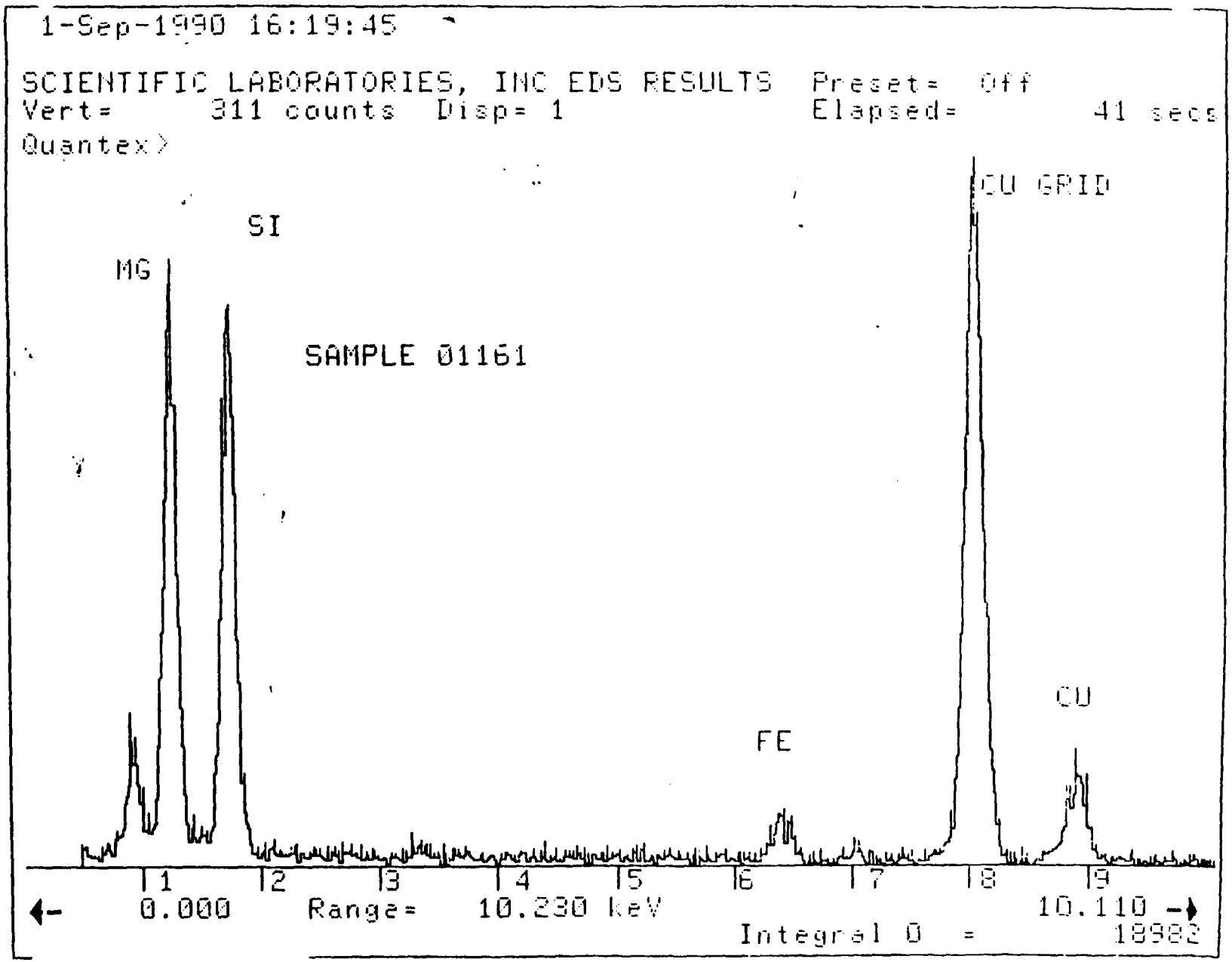


Figure 1



ABD 001 1995

Figure 2

Section III

ATTN: [illegible]

Roy F. [illegible]eston, Inc.
REAC, Edison, N.J.
EPA Contract 68-03-3482

CHAIN OF CUSTODY REC RD/LAB WORK REQUEST

ABD 001 1997

No

RECEIVED
SEP 10 1990
WESTON/REAC

Project Name:
Project Number:
RFW Contact: Phone: Due Date:

SHEET NO. OF

SAMPLE IDENTFICATION | **ANALYSES REQUESTED**

Sample No.	Sampling Location	Matrix	Date Collected	Container/Preservative					
[illegible]	[illegible]	X*	[illegible]	[illegible]	X				
[illegible]	[illegible]	X*	[illegible]	[illegible]	X				
[illegible]	[illegible]	X*	[illegible]	[illegible]	X				
[illegible]	Below	X*	[illegible]	[illegible]	X				
[illegible]	Below	X*	[illegible]	[illegible]	X				
5439HT [illegible]		W	[illegible]	[illegible]	X				
[illegible]	[illegible]	X-Y*	[illegible]	[illegible]	X				
[illegible]	[illegible]	X*	[illegible]	[illegible]	X				
[illegible]	[illegible]	X*	[illegible]	[illegible]	X				
[illegible]	[illegible]	X-Y*	[illegible]	[illegible]	X				
[illegible]	[illegible]	X-Y*	[illegible]	[illegible]	X				
[illegible]	[illegible]	X-Y*	[illegible]	[illegible]	X				

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: [illegible]

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
Analysis	B. Brammell	[illegible]	[illegible]	[illegible]					

60000